CashConcepts
CCE 410

Münzzähl- und Sortiermaschine

Coin counter and sorter

Benutzerhandbuch

User Manual

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Introduction

Many thanks that you have decided on the CCE 410. This professional coin counter should help you by counting and sorting big amounts of mixed or sorted coins. You can separate in several steps the different coins from each other and get the result of counted coins shown on the big display.

The innovative use, the clear result and the acceptance of the Euro coins provide for a short training phase without trainings or time-consuming installation.

Should you have questions to the CCE 410 counterfeit money detector, we are available to you with pleasure.

Your Team of CashConcepts

Warning

General

- Please pay attention that no foreign objects (e.g. paper clips) fall in the machine, these can block the engines and the sensitive sensors of the machine and damage or destroy them.
- Please note that during the countable process no ties, hair or clothes are drawn in to avoid injuries and damages to the machine.

Electricity supply

- Use the device only with the provided net part.
- Use no damaged or humid power adapter or power supply lines.
- Connect the stream supply not with humid hands.
- During the change of the fuse the machine must be completely separated from the stream net to avoid an electric blow.

Servicing

- Always switch the power of during cleaning.
- Clean the machine with a dry cloth.
- Do not use wet or damp cloth or cleaning products.
- Do not spill any liquid or spray chemicals over the equipment.
- If any liquid is spilled on it, disconnect the power cable from the supply, remove the battery and contact your dealer.

Specification of coins

By the two setting wheels you can choose the thickness and the diameter of those coins which should be accepted. Please note that you always start counting mixed coins with the biggest diameter coins. All other coins will be rejected to the reject pocket on the right side of the machine.

Euro Coins:

Denomination	1 Cent	2 Cent	5 Cent	10 Cent	20 Cent	50 Cent	1 EUR	2 EUR
Diameter	16,25 mm	18,75 mm	21,25 mm	19,75 mm	22,25 mm	24,25 mm	23,25 mm	25,75 mm
Thickness	1,36 mm	1,36 mm	1,36 mm	1,51 mm	1,63 mm	1,88 mm	2,13 mm	1,95 mm

How to use the 410

The CCE 410 can be easily used by the following buttons:

START/STOP	Starts or stops the counting
COUNT/BATCH	Here you can set up the stop value for the batch counting by the +1,+10+100,+1000 and also see the actual result of the batch counting.
ADD/STORE	You can use this button to add counting and batch results and to see the last counting result.
CLEAR	Clears the display from the last counting result
+1	Set the batch number from 0 to 9
+10	Set the batch number from 10 to 90
+100	Set the batch number from 100 to 900
+1000	Set the batch number from 1000 to 9999
RD	To show the total number of coins counted after the machine powered up.

Operating procedure

Normal Counting
Press COUNT/BATCH key to select normal counting mode. The indicator lights on the key lit and indicates the activation of this function.

Sorted Coins
Select diameter & thickness knob position according to the coins which should be counted. Place coins into the coin field and press START/STOP key to start the counting. Coins are transported to the coin hopper and process at high speed and discharged to the coin bag or coin receptacle. The machine stops after 5 seconds when no more coin pass the sensor. Press START/STOP to stop the machine at any time.

Mixed Denominations
Select diameter & thickness knob position according to the largest coin denomination. Place coins into the coin field and press START/STOP key to start the counting. Coins are transported to the coin hopper and process at high speed. Largest coins are counted and discharged to the coin bag or coin receptacle and all others to the reject pocket.

Repeat the process until all denomination coins are counted.

ADD function
To accumulate counting results, press ADD/STORE key once. The indicator lamp on the key lit and ensures the activation of this function. Machine will automatically accumulate every coins are being counted. Release ADD/STORE key to deactivate this function.

STORE function
This machine allows user to view the last counting result. To view the last counting result on the display follow the next steps:

1. Press ADD/STORE key. The indicator light on the key lit ensuring the activation.
2. Press RD key. Last counting result will be displayed.

Batch Settings
User can count a bag of coins having a pre-set batch number from 1 to 9999 using 4 numeric keys on the control panel. Pre-Set batch number is displayed on the batch display.

Press COUNT/BATCH key on the control panel until the lamp n the key is off and batch display shows “P”.

Use 4 numeric keys (+1000, +100, +10, +1) to select any batch number.

After selection of batch value, press START/STOP to start counting and the machine stops automatically when the counting number reached the batch number. Resume counting next batch by pressing START/STOP key. During batch counting, you can also accumulate batch-counting results by pressing ADD/STORE key.

Press CLEAR & +1 key simultaneously to cleat the batch number from the display. Selection of batch number must be done before you start counting.

Memory Recall

This machine allows user to view total numbers of coins counted since the machine powered up. To view the total counting result on the count display follow the steps below.

- The indicator light on the ADD/STORE is off ensuring the deactivation of the function
- Press RD key, last counting results will display on the count display, such as [R…….XXXXXX]
- Press CLEAR to clear all counting results from the memory.

Error Codes

When powering up the coin counter or during counting a series of error messages may appear on the display.

Error Code	Meaning	Action
Eb0	Coin jamming error. Coins are jammed near the counting sensor	1. Open side cover and remove jammed coins. 2. Close side cover and press CLEAR key to clear error message 3. Press START / STOP to resume counting
Ec0	Stop State. A coin is passing through the sensor without counting / registering	1. Press CLEAR 2. Press START / STOP
E04	Side cover is not closed tightly or open.	Close side cover tightly.

Maintenance the CCE 410

This chapter described how to take care of the coin counter, including cleaning and maintenance.

WARNING ! The machine must be off and unplugged from the main socket.

- Always switch the power of during cleaning.
- Clean the machine with a dry cloth.
- Do not use wet or damp cloth or cleaning products.
- Do not spill any liquid or spray chemicals over the equipment.
- If any liquid is spilled on it, disconnect the power cable from the supply and contact your dealer.

Troubleshooting

This chapter provides steps for resolving some problems that may occur during operation. A list of possible conditions or failures are address with possible causes followed by proper course of action.

Condition	Possible causes	Action
Abnormal condition after powering up the machine	• Unit is plugged into wrong voltage area • Power fuse is burned • Power supply board fuse is burned	• Connect with proper voltage • Replace power fuse • Contact CCE - Service
Coin jamming	• Improper adjustment of diameter and thickness know	• Adjust diameter and thickness knob according to coin denomination
Coins rotate inside the hopper, but do not discharge	• Improper adjustment of thickness know	• Adjust thickness knob to the next largest thickness position
Motor does not rotate	• Loose socket connection between the power supply switch and the motor • Damaged or broken connection wire	• Contact CCE - Service
Inaccurate counting results	• Loose socket connection between photoelectrical counter and microprocessor. • Dirty coin counting sensor	• Contact CCE – Service • Clean count sensor

Accessories

Contained accessories	Optional accessories
Manual	
Net cable	
Cleaning kit	
Spare Parts	

Technical specification

Power connection:	AC 230V / 50/60 Hz
Power consumption:	60-65 W
Operating temperature:	0°C – 40°C
Dimensions:	400 x 240 x 185 mm
Weight:	8 kg
Counting speed:	2000 coins per minute

Contact

If it should once have problems with your CCE 410 which you can solve with the help of this manual, then you please get in contact to us by email and describe the problem, we will get in contact to you as soon as possible with a proposal for solution for the problem.

info@cashconcepts.cc

Please retain your purchase documents for warranty claims. Do not remove, cover, damage or modify in any way the rating plate with serial number on the rear of the unit, otherwise you forfeit your warranty.

You will find this manual also in other languages on our website www.cashconcepts.cc under the topic "Download" for free downloading.